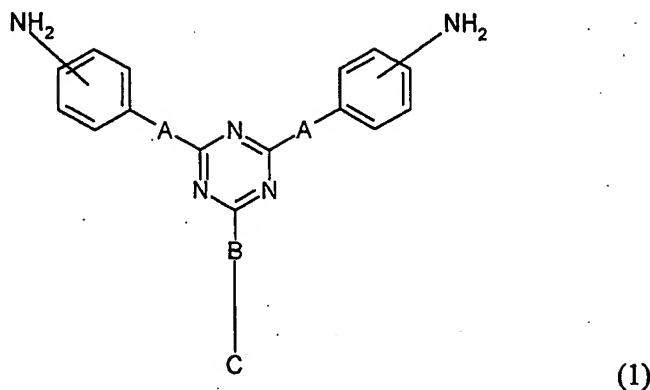


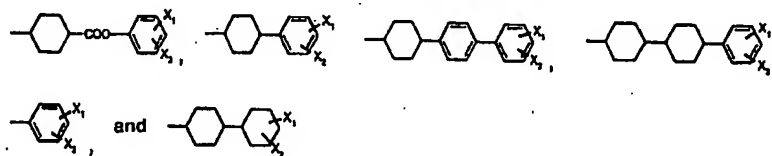
Claims

1. A diamine compound containing a triazine moiety, represented by Formula 1 below:



wherein A is a direct bond, -O- or -COO-; B is a direct bond, -O-, -COO-, -CONH- or -OCO-; and C is a C₁₋₃₀ linear, branched or cyclic monovalent organic group, or a combined form thereof.

2. The diamine compound according to claim 1, wherein the substituent C in Formula 1 is a linear or branched aliphatic hydrocarbon group, a saturated cyclic hydrocarbon group, a cyclic hydrocarbon group containing at least one carbon-carbon double bond, or a fused saturated or unsaturated cyclic hydrocarbon group which is unsubstituted or substituted with at least one group selected from the group consisting of -H, -CH₃, -CF₃, -F, -Br, -Cl, -CN, -OH and -NO₂; or a group selected from the following groups:

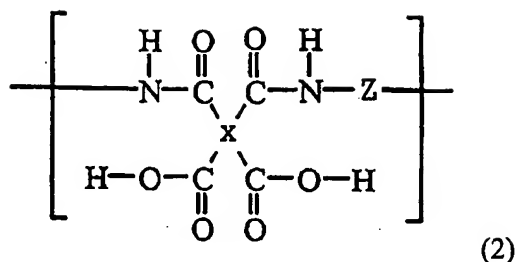


wherein X₁ and X₂ are each independently -H, -CH₃, -CF₃, -F, -Br, -Cl, -CN, -OH, or -NO₂.

3. A polyamic acid prepared by reacting a diamine component (a) and an acid dianhydride (b), the diamine component including 0.1 mole% or above of the diamine compound according to claim 1 or 2 based on 100 mole% of the diamine component, and the polyamic acid having a repeating unit represented by Formula 2

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below:

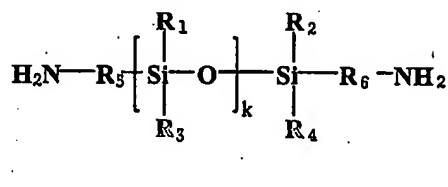


wherein x is a tetravalent aromatic or alicyclic organic group, and z is a
divalent organic group originating from the diamine compound of Formula 1 or a
divalent organic group originating from an aromatic or polysiloxane-based diamine.

4. The polyamic acid according to claim 3, wherein the diamine component (a)
further includes an aromatic diamine compound and a polysiloxane-based diamine
compound represented by Formulae 3 and 4 below, respectively:

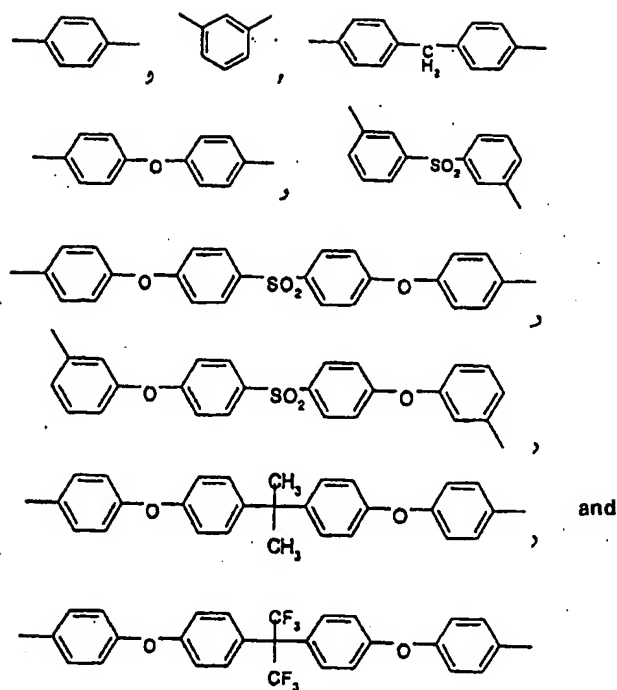


wherein Y is a divalent aromatic organic group,

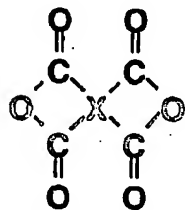


wherein R₁, R₂, R₃ and R₄ are each independently a C₁₋₁₀ alkyl, alkoxy or aryl
group, and R₅ and R₆ are each independently a C₁₋₁₀ alkylene group.

5. The polyamic acid according to claim 4, wherein the substituent Y in
Formula 3 is a divalent organic group selected from the group consisting of the
following groups:



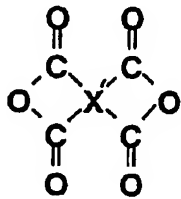
6. The polyamic acid according to claim 3, wherein the acid dianhydride component (b) is an aromatic cyclic acid dianhydride represented by Formula 5 below:



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(5)

wherein X is a tetra-valent aromatic cyclic organic group; an alicyclic acid dianhydride represented by Formula 6 below:

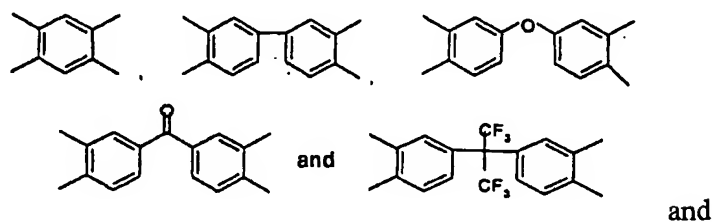


(6)

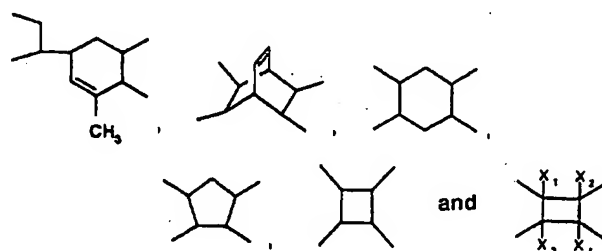
wherein X' is a tetra-valent alicyclic organic group; or a mixture thereof, the mixing molar ratio of the aromatic cyclic acid dianhydride to the alicyclic acid dianhydride being between 1:99 and 99:1.

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7. The polyamic acid according to claim 6, wherein the substituent X in Formula 5 is a group selected from the following groups:



5 the substituent X' in Formula 6 is a group selected from the following groups:



wherein X_1 , X_2 , X_3 and X_4 are each independently -H, -CH₃, -CF₃, -F, -Br, -Cl, -CN, -OH or -NO₂.

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8. The polyamic acid according to claim 3, wherein the polyamic acid has a number average molecular weight ranging from 10,000 to 500,000 g/mol.

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9. A liquid crystal aligning agent comprising the polyamic acid according to claim 3.

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10. A liquid crystal alignment film produced by coating the liquid crystal aligning agent according to claim 9 onto a substrate, and entirely or partly imidizing the coating.

11. A liquid crystal display device comprising the liquid crystal alignment film according to claim 10.